

Sharovskiy, A. V.

Subject : USSR/Engineering

AID P - 2033

Card 1/2 Pub. 110-a - 6/14

Author : Sharovskiy, A. V., Eng.

Title : Method for selecting layouts and characteristics of gas-turbine installations with regard to the relationship between maximum capacity and maximum efficiency

Periodical : Teploenergetika, 4, 32-38, Ap 1955

Abstract : The author offers a new method which differs from the usual thermodynamical method in that it emphasizes the interrelation between the capacity and the maximum efficiency attainable. The author suggests that the selection should be based on simultaneous computation of thermodynamical and structural factors and their interrelationship. Five diagrams, 4 Russian references 1933-1950, 3 German, 1905-1953, 1 American 1953, 1 British, 1952.

Teploenergetika, 4, 32-38, Ap 1955

AID P - 2033

Card 2/2 Pub. 110-a - 6/14

Institution: GIPROSHAKHTSTROY (State Institute for Planning of
Construction in the Coal Industry)

Submitted : No date

SOKHRINA, Raisa Fedorovna, nauchnyy sotrudnik; CHELPANOVA, Ol'ga Mikhaylovna, kand.geogr.nauk; SHAROVA, Valeriya-Yakovlevna, kand.geogr.nauk. Prinimali uchastiye: RUBINSHTEIN, Ye.S., prof.; DROZDOV, O.A., prof., doktor geograf.nauk, red.; PRIK, Z.M.; PISAREVA, G.P., nauchnyy sotrudnik; GALINA, M.B.; KOSENKOVA, Z.D.; TIKHOMIROVA, N.A.; FEDOSEYIEVA, G.N.; POKROVSKAYA, T.V., kand.geograf.nauk, red.; PISAREVSKAYA, V.D., red.; VOL'KOV, N.V., tekhn.red.

[Air pressure, air temperature and atmospheric precipitation in the Northern Hemisphere] Davlenie vozdukha, temperatura vozdukha i atmosfernye osadki severnogo polushariia. Pod red. O.A.Drozdova i T.V.Pokrovskoi. Leningrad, Gidrometeor.izd-vo, 1959. 473 p. [Atlas of charts] Atlas kart. (MIRA 13:4) (Meteorology--Charts, diagrams, etc.)

DROZDOV, O.A.; SHAROVA, V.Ya.; SHVER, TS.A.

Calculation of the average amount of precipitation over a period
of many years. Trudy GGO no.148:98-114 '63. (MIRA 16:6)
(Precipitation (Meteorology))

SHAROVA, V.Ya.

Maps of anomalies of air pressure and temperature and the
amount of precipitation in the northern hemisphere. Meteor.
issl. no.9:130-136 '65. (MIRA 19:1)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001548620018-6

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001548620018-6"

MIKHAYLOVA, I.I.; PROTOPOPOVA, V.V., red.; SHAROVA, Ye.A., red.;
KOGAN, V.V., tekhn.red.

[Flax mill and its source of supply] L'nosavod i ego
myr'evaya baza. Moskva, Gos.nauchno-tekhn.izd-vo M-va
legkoi promyshl., 1956. 15 p. (MIRA 12:6)

1. Russia (1923- U.S.S.R.) Ministerstvo legkoy promyshlennosti.
Tekhnicheskoye upravleniye. Byuro tekhnicheskoy informatsii.
(Flax)

MODENOV, Petr Sergeyevich; NOVOSELOV, S.I., red.; SHAROVA, Ye.A., red.;
GOROKHOVA, S.S., tekhn.red.

[Collection of problems in a special course of elementary
mathematics] Sbornik zadach po spetsial'nomu kursu elementarnoi
matematiki. Izd.2., dop. i ispr. Moskva, Gos.izd-vo "Vysshiaia
shkola," 1960. 766 p.
(Mathematics--Problems, exercises, etc.)

AKOL'ZIN, Pavel Alekseyevich, doktor tekhn. nauk; GERASIMOV,
Valentin Vladimirovich, doktor tekhn. nauk; SHAROVA,
Ye.A., red.; GARINA, T.D., tekhn. red.

[Corrosion of the structural materials of nuclear and thermal
electric power plants] Korroziia konstruktsionnykh materialov
iadernykh i teplovых energeticheskikh ustanovok. Moskva,
Gos.izd-vo "Vysshiaia shkola," 1963. 375 p. (MIRA 16:10)
(Metals--Corrosion) (Electric power plants)

S/115/60/000/010/003/028
B021/B058

AUTHORS: Strakun, G. I., Smirnova, L. I., and Sharova, Ye. Ye.

TITLE: Reproduction and Transmission of an Angle in Standard Measurements

PERIODICAL: Izmeritel'naya tekhnika, 1960, No. 10, pp. 13-15

TEXT: The Sverdlovskiy filial (Sverdlovsk Branch) of the VNIIM (Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii (All-Union Scientific Research Institute of Metrology)) developed a new test scheme for angular measurements. An instruction for the testing of goniometers was edited and published by the VNII Komiteta (Vsesoyuznyy nauchno-issledovatel'skiy institut Komiteta (All-Union Scientific Research Institute of the Committee)), and a horizontal installation was developed for the measurement of angles of polyhedral prisms of the first class. At the VNIIM, an installation was established which warrants the realization of a standard method of reproducing the value of a plane angle. In order to realize this method, two precision autocollimators with telephoto lenses were used as well as three standard prisms of molten

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Reproduction and Transmission of an
Angle in Standard Measurements

S/115/60/000/010/003/028
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quartz. A reading error of $\sigma = 0.16''$ as well as a 46.4-fold magnification were obtained. Producing standard measuring prisms is considered to be the most complicated part of the work involved in building the installation. As a result of the measurements, a system of equations for determining the angles δ_i can be formed, which characterize the development of the prismatic faces (Fig. 1). The angle plates were calibrated by means of a device (Fig. 2). The results of absolute and relative measurement of the standard prisms on the autocollimating installation of the VNIIM and their comparison with the installation of the VNIIK show that the means established warrant the necessary precision for the reproduction and transmission of angles. There are 2 figures and 5 Soviet references.

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Card 2/2

STRAKUN, G.I.; SMIRNOVA, L.I.; SHAROVA, Ye.Ye.

Reproduction and transmission of the value of an angle in standard
measurements. Izm.tekh. no.10;13-15 0'60. (MIRA 13:10)
(Geometry)

GRECHKO, M.F.; SMIRNOVA, L.I.; STRAKUM, G.I.; SHAROVA, Ye.Ye.

Standard device for measuring angles. Trudy inst.Kom.stand,mer i
izm.prib no.47:127-138 '61. (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii
im. D.I.Mendeleyeva.
(Goniometers)

SHAROVA, Ye.Ye.

Investigating some methods for checking the rectilinearity of guide
beds. Trudy inst.Kom.stand.,mer i izm.prib no 47 :167-176 '61.
(MIRA 15:12)

1.- Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii im.
D.I.Mendeleyeva.
(Machine tools—Testing)

BOGULSAVSKIY, M.G.; SHAROVA, Ye.Ye.

Standards for the calibration and testing of radioisotope thickness
meters. Izm.tekh. no.9:6-8 S '65. (MIRA 18:10)

SHAROVA, Yu. A.

USSR/Microbiology - Antibiosis and Symbiosis. Antibiotics

F-2

Abs Jour : Referat Zhurn - Biol. No 16, 25 Aug 1957, 68473

Author : Trenina, G.A., Ganze, G.F., Preobrzhenskaya, V.F.,
Brazhinkova, M.G., Sharova, Yu.A.

Title : Antivirubin-Antiviral Antibiotic Formed by Actinomyces
longispororuber.

Orig Pub : Antibiotiki, 1956, 1, No 4-9-13, 62

Abstract : The morphologic, cultural and biochemical indications are stated for the most productive strain No 8173, in relation to antivirubin (I), isolated from desert soils of Kara-Kumov. The antibiotic accumulates mainly in the actinomycete mycelium. The optimal medium for formation of I is nutrient agar, containing Chottinger broth (30 mg % amino nitrogen), 1% glucose, and 0.5% sodium chloride. The fullest isolation of I is obtained by steeping the agar nutrient medium on which the product was cultivated in strong acetone and subsequent

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USSR/Microbiology - Antibiosis and Symbiosis. Antibiotics

F-2

Abs Jour : Referat Zhurn - Biol. No 16, 25 Aug 1957, 68473

evaporation under vacuum. I is obtained in the form of a dry preparation containing 800 antistaphylococcus units per mg. I appears as a bright-red pigment with properties of a dye. Blood serum only insignificantly inactivates the antibiotic. The study of the spectrum of the antibacterial action of I demonstrated that it has a selective action on staphylococci, Bacillus mycoides and hay bacilli, weakly inhibits growth of intestinal bacilli and Candida albicans. I inactivates the tobacco mosaic virus, grippe virus, smallpox virus and does not act on bacteriophage.

Card 2/2

- 34 -

KUDRIASHOV, B.A.; KALISHEVSKAYA, T.M.; SHAROVA, Yu.A.

Comparative study of thermostability of prothrombokinase and
thrombokinase. Dokl. AN SSSR 109 no.1:156-159 J1-Ag '56.

(MLRA 9:10)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.
Predstavлено академиком V.N. Shaposhnikovym.
(PROTHROMBOKINASE) (THROMBOPLASTIC SUBSTANCES)

USSR / Pharmacology, Toxicology. Chemotherapeutic Preparation. V

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42484.

Author : Yudintsev, S. D.; Sharova, Yu. A.

Inst : Not Given.

Title : Colimycin Distribution in the Animal Organism.

Orig Pub: Antibiotiki, 1957, 2, No 4, 12-16.

Abstract: Following subcutaneous injection in rabbits of Colimycin (I) in doses of 25 or 50 mg/kg, I circulates in the blood for more than 6 hours; I (in doses of 50 mg/kg subcutaneously) is eliminated in the urine for more than 24 hours; approximately 24% of the injected dose is thus eliminated. Accumulation of I in the animal organism does not take place with subcutaneous injections of I in doses of 25 mg/kg for 4 days in a row. Following

Card 1/2

USSR / Pharmacology, Toxicology. Chemotherapeutic Preparations.

v

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42484.

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Abstract: oral administration of I in doses of 100 mg/kg, maximal blood level values of 4 γ/ml are noted within 2 hours. 1.5-2% of the administered dose of I is eliminated with the urine. I diffuses well from the blood into the lymph and persists there for about 8 hours after administration at sufficiently high levels (30 γ/ml).

Card 2/2

63

YUDINTSEV, S.D.; KUNRAT, I.A.; SHAROVA, Yu.A.

Effect of the thyroid gland on the circulation of antibiotics.
Antibiotiki 3 no.2:51-56 Mr-Ap '58. (MIRA 12:11)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR.
(ANTIBIOTICS, metabolism,
eff. of thyroxin (Rns))
(THYROXIN, effects,
on antibiotics metab. (Rns))

BAGDASAROV, A.A., prof.; AL'PERIN, P.M., prof.; DEMIDOVA, N.V.; SHAROVA, Yu.A.

Effect of anticoagulants on the blood coagulation system in myocardial infarct and stenocardia. Terap. arkh. 31 no.11:3-12 N '59.
(MIRA 13:3)

1. Iz TSentral'nogo ordena Lenina instituta hematologii i perelivaniya krovi (direktor - deystvitel'nyy chlen AMN SSSR prof. A.A. Bagdasarov).
(ANGINA PECTORIS ther.)
(MYOCARDIAL INFARCT ther.)
(ANTICOAGULANTS ther.)

BAGDASAROV, A.A., prof. [deceased]; AL'PERIN, P.M., prof.; DEMIDOVA, N.V.;
SHAROVA, Yu.A.

Blood coagulation system in coronary insufficiency and the influence
of anticoagulant therapy on it. Terap.arkh. 33 no.11:16-26 '61.
(MIRA 15:5)

1. Iz Tsentral'nogo ordena Lenina instituta hematologii i pereli-
vaniya krovi (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A.
Begdasarov [deceased]).
(CORONARY HEART DISEASE) (ANTICOAGULANTS (MEDICINE))

SHAROVA, Yu.A.

Results of a complex study of the blood coagulation system in
cirrhosis of the liver. Probl.gemat.i perel.krovi no.5:26-29
'62. (MIRA 15:8)

1. Iz gemoterapevticheskoy kliniki (zav. - prof. P.M. Al'perin)
TSentral'nogo ordena Lenina instituta hematologii i perelivaniya
krovi (dir. -- dotsent A.Ye. Kiselev) Ministerstva zdravookhraneniya
SSSR. (LIVER--CIRRHOSIS) (BLOOD--COAGULATION)

SHAROVA, Yu.A.

Change in the coagulation, anticoagulation and fibrinolytic systems of the blood in chronic hepatitis and cirrhosis of the liver. Sov.med. 26 no.7:47-53 Jl '62. (MIRA 15:11)

1. Iz gemoterapevticheskoy kliniki (zav. - prof. P.M.Al'perin)
TSentral'nogo ordena Lenina instituta hematologii i perelivaniya krovi (dir. - dotsent A. Ye.Kiselev).
(HEPATITIS, INFECTIOUS) (LIVER—CIRRHOSIS)
(BLOOD—COAGULATION) (FIBRINOLYSIS)

AL'PERIN, P.M., prof.; SHAROVA, Yu.A. (Moskva)

Hemorrhagic diathesis in diseases of the liver. ~~bach. delo~~
no.3:10-13 Mr '64. (MIRA 17:4)

1. Gemoterapevticheskaya klinika (zav. - prof. P.M.Al'perin)
TSentral'nogo ordena Lenina Instituta gematologii i perelivaniya
krovi.

AL'PERIN, P.M. (Moskva); KOFMAN, A.I. (Moskva); SHPIL'BERG, B.M. (Moskva);
SHAROVA, Yu.A. (Moskva)

Blood coagulation system and the use of anticoagulants in cerebro-
vascular disorders. Zhur. nevr. i psikh. vol. 64 no.5:675-679 '64.
(MIRA 17:7)

AL'PERIN, P.M., prof.; SHAROVA, Yu.A.; DEMIDOVA, N.V.

Dynamics of blood coagulation indices in the development of coronary thrombosis. Sov. med. 27 no.8:16-20 Ag '64.
(MIRA 18:3)

1. Gemoterapevticheskaya klinika (za\ prof. P.M. Al'perin)
TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir.- dotsent A.Ye. Kiselev), Moskva.

AI'PERIN, P.M., prof.; KOFMAN, A.I.; SHPIL'BERG, B.M.; SHAROVA, Yu.A.

Changes in the indices of the blood coagulation system in
disorders of cerebral blood circulation. Sov. med. 28
no.6:83-87 Je '65. (MINA 18:8)

1. TSentral'nyy ordena Lenina institut perelivaniya krovi
(direktor - A.Ye. Kiselev) i Gorodskaya klinicheskaya
bol'nitsa Nr.64 (glavnnyy vrach G.V. Rodygina), Moskva.

SOV/124-58-11-12624

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 11, p 99 (USSR)

AUTHOR: Sharova, Z. I.

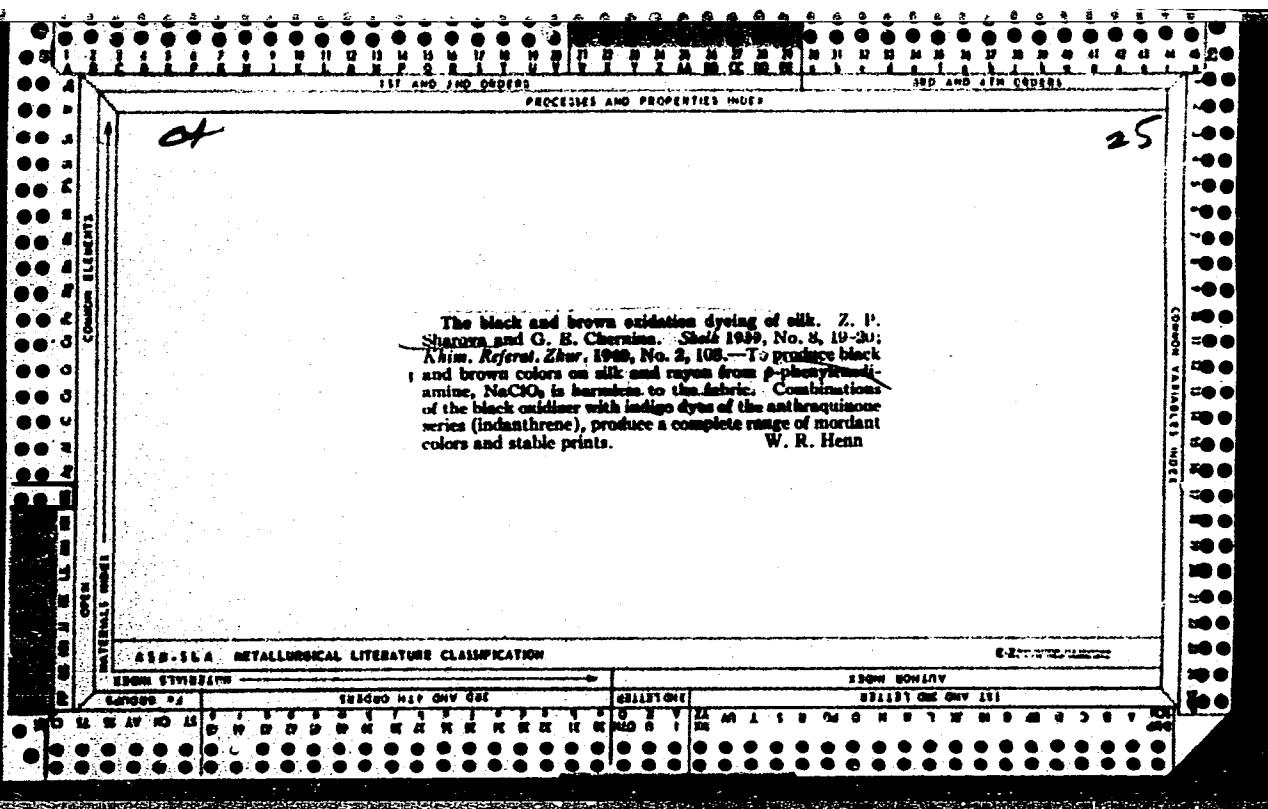
TITLE: A Spiral Design for an Open Turbine Chamber as a Means for the Prevention of Vortex-funnel Formation Within the Chamber (Spiralnoye ochertaniye otkrytoy kamery turbinnoy ustanovki kak sredstvo bor'by s obrazovaniyem voronok v kamere)

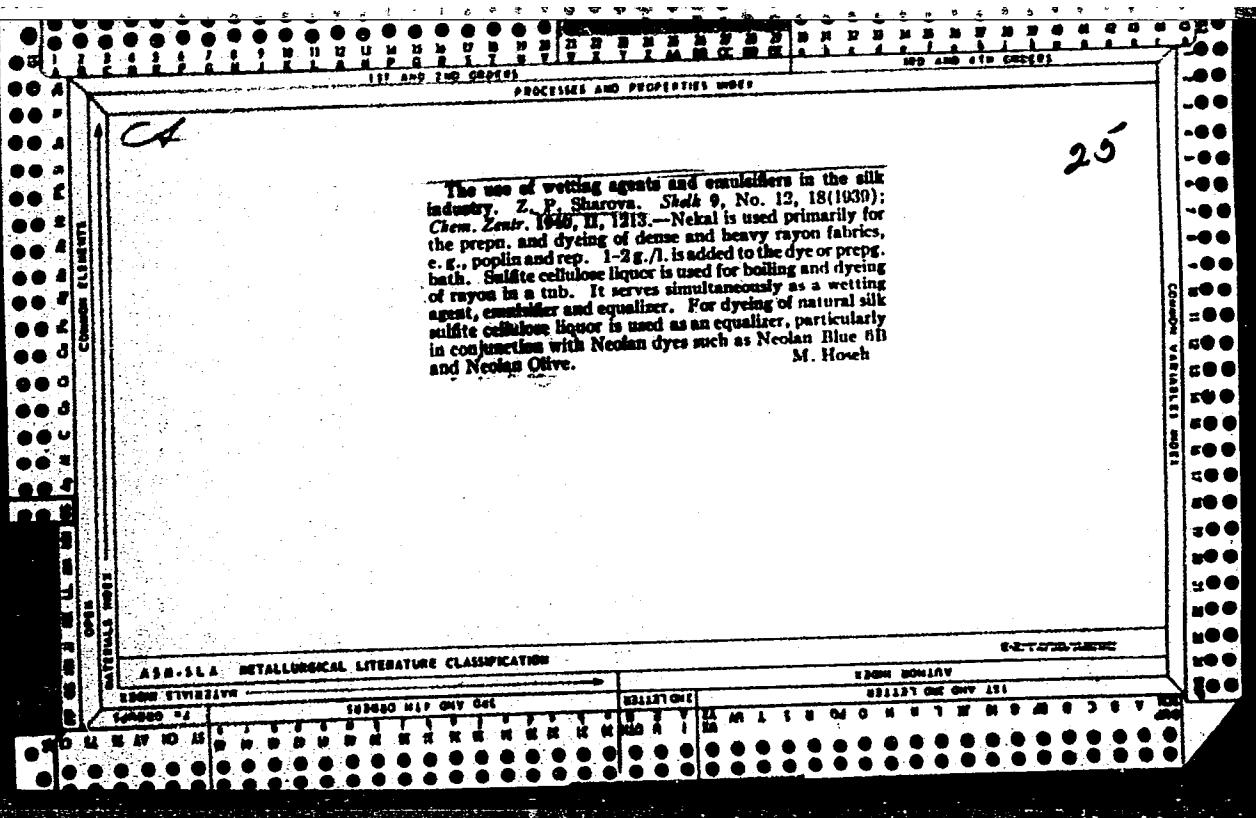
PERIODICAL: Tr. Vses. n.-i. in-ta, gidrotekhn. i melior., 1957, Vol 29,
pp 124-30

ABSTRACT: An analysis of the results of an investigation, performed on an experimental installation, of the free water surface, the formation of vortex funnels, and the penetration of air into the distributor of a turbine having an open chamber. The author points to the inadequacy of rectangular chambers and recommends the use of spiral (volute) chambers for small hydraulic plants.

N. A. Kolokol'tsov

Card 1/1





"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001548620018-6

SHAROVA, Z. P.

The manufacture and dyeing of natural and artificial silk Moskva, Gos. nauchno-tekh. izd-vo lekkoi promyshl., 1950. 234 p. (50-35536)

TS1665.848

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001548620018-6"

SHAROVA, Z. P.

V Chromium mordant in printing of natural silk. Z. P. Sharova and N. A. Danova. *Tekhn. Prom.* 10, No. 10, 1967 (1968). Neutral chromates were the most acceptable Cr mordants (I) for most acid dyes (II) on fabric. The use of Cr lactate as a mordant led to a partial reduction of II during steaming, resulting in lightening and changing of shade in weak pieces of fabric. Exptl. data are tabulated, permitting an efficient use of II. The printing paste was prep'd. by dissolving, while warming, 30 g. II in 150 g. H₂O, adding the dextrin-starch thickener, cooling, and adding I, the total wt. being 1000 g. After printing, the samples are steamed 1 hr. at 110-115° under 0.8 atm. pressure, washed with cold and warm (40°) H₂O, treated with an olein-soup soln. (5 g./l.) at 60°, washed again with warm and cold H₂O, and finally treated with 30% HOAc (6 g./l.).

Elisabeth Barabash

(1)

SHAROVA, Z. P., TSVETKOVA, N. N.

Dyes and Dyeing - Rayon

Preparation and dyeing of natural and artificial silk. Reviewed by V. L. Gubyrin.
Tekst. prom. 12 no. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1952, Uncl.

2

SHAROVA, -

SHAROVA, Z.P.; CHERNINA, G.Ye.; ZONOVA, Ye.A.

Use of oleaster gum in silk production. Tekst.prom. 14 no.10:
50-51 O '54. (MIRA 7:10)
(Oleaster) (Dyes and dyeing--Silk)

SHAROVA, Z.P.; TYULENEV, N.V.

Method of treating acetate rayon fabrics in preparation for dyeing.
Obm. tekhn. opyt. [MLP] no.9:3 '56. (MIRA 11:10)
(Dyes and dyeing--Rayon)

SHAROVA, Z.P.; TYULENEV, N.V.

Method of removing oil spots from capron fabrics. Obm. tekhn. opyt.
[MLP] no.9:3-4 '56. (MIRA 11:10)
(Nylon--Cleaning)

SHAROVA, Z.P.; DEMIDOVA, V.K., nauchnyy sotrudnik.

Increase the output of chemical auxiliary materials. Tekst.prom.
16 no.5:63 My '56. (MIRA 9:8)

1. Zaveduyushchiy khimicheskoy laboratoriyye kombinata "Krasnaya
Rosa" (for Sharova); 2. TSentral'nyy nauchno-issledovatel'skiy
institut Shelka (for Demidova).

(Textile chemistry)

LOBANOVA, N.V.; FILIPPOVA, N.K.; SHAROVA, Z.P.; RAUTIAN, G.N.

Methods of colorimetric determination and specification of fabrics.
Tekst. prom. 21 no. 4:52-54 Ap '61. (MIRA 14:7)
(Colorimetry) (Textile fabrics—Testing)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001548620018-6

POBORCHIY, V.S.; SHAROVA, Z.S.

Automatic control of small boilers operating on gaseous fuels.
Prom. energ. 15 no.12:23-29 D '60. (MIRA 13:12)
(Boilers) (Automatic control)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001548620018-6"

SHAROVAROV, A.; KULISHOVA, M., red.

[In the sky of Estonia; on the Twentieth Anniversary of
the Estonian Separate Air Group, 1944-1964] V nebe Estonii;
k vladtsatiletiiu Estonskoi otdel'noi aviagruppy (1944-1964).
Tallinn, Estonskoe gos.izd-vo, 1964. 100 p.

(MIRA 18:5)

l. Russia (1923- U.S.S.R.) Ministerstvo grazhdanskoy aviacii.
Estonskaya otdel'naya aviagruppa.

ACC NR: AT7002853

(N)

SOURCE CODE: UR/3239/66/000/003/0056/0060

AUTHOR: Greben'kov, Zh. A.; Sharovarov, G. A.

ORG: none

TITLE: Transient similarity parameters of gas-turbine installations

SOURCE: Nikolayev. Korablenstroitel'nyy institut. Sudostroyeniye i morskiye sooruzheniya, no. 3, 1966, Sudovyye energeticheskiye ustanovki (Ship power equipment), 56-60

TOPIC TAGS: gas turbine, gas turbine engine, marine engine, turbine compressor, turbine rotor

ABSTRACT: Criteria for the dynamic characteristics of gas-turbine and gas-turbine-model installations are based on an analysis of transient similarity parameters, considering acceleration and transient periods as characteristics. Expressing the transient phenomenon of a full-scale gas-turbine installation by the motion equation for a rotor and applying this to a model installation, 3 factors satisfying similarity conditions are introduced. Expressions derived for these factors represent the characteristic similarity parameters. As demonstrated, the transient period is directly proportional to the linear dimension and the square root of the working fluid's temperature and inversely proportional to its pressure; the acceleration period is directly proportional to the working fluid's pressure and inversely

Card 1/2

UDC: none

ACC NR: AT7002853

proportional to the square of the linear dimension. The transient period increases with an increase in the installation's power and air temperature and decreases with increased air pressure. The derived parameters permit the evaluation of the dynamic properties of gas-turbine and model installations under varying atmospheric conditions and the reduction of transient parameters to normal conditions. Orig. art. has: 29.formulas.

SUB CODE: 21,10 / SUBM DATE: none/ ORIG REF: 002/

Card 2/2

BUTS, Ye.D.; GLYAVIN, V.A.; MISHIN, V.V.; PARCHEVSKIY, L.Ya.;
SHAROVAROV, V.A.

Studying the effect of the shock waves during hole blasting
on pillars, ore blocks, and ventilation devices in order to
determine their stability and dimensions. Izv. DGI 42:202-208
'64. (MIRA 18:11)

ORECHKIN, L.M.; SHAROVAROV, V.P.

Selection and industrial testing of refractory material mixtures
for blast furnace tap hole plug balls at Novyy Lipetsk and
Novotul'skiy metallurgical plants. Ogneupory 30 no.8:19-21 '65.
(MIRA 18:8)

1. Vsesoyuznyy institut ogneuporov.

ISHIN, D.A.; SHAROVAROVA, K.V.

Communication office of the district has become an enterprise
of communist labor. Vest. sviazi 21 no.6:23-25 Je '61. (MIRA 14:9)

1. Nachal'nik Nikolayevskogo oblastnogo upravleniya svyazi (for
Ishin). 2. Sekretar' partiynogo byuro Nikolayevskogo oblastnogo
upravleniya svyazi (for Sharovarova).

(Varovka District (Nikolaev Province)—
Telecommunication)

KALITOVSKIY, Ye.F.; SHAROVAROVA, V.G.

Treatment of diseases of the joints with Minsk mineral
(chloride-sodium) water alone as well as combined with
other therapeutic factors. Vop.. kur. fizioter. i lech.
fiz. kul't. 28 no.5:434-436 S-0 '63. (MIRA 17:9)

1. Iz Belorusskogo instituta nevrologii, neyrokhirurgii i
fizioterapii (dir.- kand. med. nauk Ye.F. Kalitovskiy).

SHAROVARSKIY, Iyan Romanovich; KORNILOVA, M.I., redaktor; RAKOV, S.I.,
tekhnicheskiy redaktor

[Four years of work on a round-th clock schedule] Chetyre goda
raboty po tsiklichnomu grafiku. [Moskva] Izd-vo VtSPS Profizdat,
1956. 46 p.
(MIRA 9:10)

1. Brigadir prokhodcheskoy brigady shakhty No.19 tresta
"Rutchenkovugol". (for Sharovarskiy)
(Donets Basin--Coal mines and mining)

SHAROVATOV, B.

One hundred meters of completed shaft sunk per month. Mast.ugl.2 no.11:12-16
N '53. (MIEA 6:11)

1. Brigadir prokhodchikov shakhty "Chaykino-Glubokaya" tresta Stalinshakhte-
prokhodka. (Shaft sinking)

SHAROVATOV, B. instruktor peredovykh metodov truda

New success of Donets mine builders. Mast. ugl. 3 no.12:3-6 D '54.
(MLRA 3:6)

1. Brigadir prokhodchikov shakty "Budennovskaya-Vostochnaya"
tresta Stalinskashakhtoprokhodka.
(Donets Basin--Coal mines and mining)

SHAROVATOV, R. brigadir prokhodchikov, instruktor peredovykh
metodov truda.

Guests of friends. Mast. ugл. 5 no.8:24a-26 Ag '56. (MLRA 9:11)

(Russia--Relations (General) with China)
(China--Relations (General) with Russia)

ZAREMBO, L.K., kand. fiz.-mat. nauk; KARPOV, A.K., inzh.; LEGOSTAYEV, P.Ya., kand. tekhn. nauk; BRODSKIY, Yu.N., kand. tekhn. nauk; KHRENOV, N.S., inzh.; KHODANOVICH, I.Ye., kand. tekhn. nauk; BRISKMAN, A.I., kand. tekhn. nauk; GORODETSKIY, V.I., inzh.; NIKITIN, A.A., inzh.; GILL', B.V., inzh.; KRAYZEL'KAN, S.M., inzh.; DZHAFAROV, M.D., inzh.; LUNEV, A.S., kand. tekhn. nauk; NIKITENKO, Ye.A., inzh.; YERSHOV, I.M., kand. tekhn. nauk; ZAYTSEV, Yu.A., inzh.; MAGAZANIK, Ya.M., inzh.; SHAROVATOV, L.P., inzh.; RABINOVICH, Z.Ya., inzh.; BIBISHEV, A.V., inzh.; ASTAKHOV, V.A., dots.; KOMYAGIN, A.F., kand. tekhn. nauk; ANDERS, V.R., inzh.; SERGOVANTSEV, V.T., kand. tekhn. nauk, dots.; UTKIN, V.V., inzh.; KUZNETSOV, P.L., inzh.; MAMAYEV, M.A., inzh.; SVyatitskaya, K.P., ved. red.; FEDOTOVA, I.G., tekhn. red.

[Handbook on the transportation of combustible gases] Spravochnik po transportu goriuchikh gazov. Moskva, Gostoptekhizdat, 1962. 887 p.
(MIRA 15:4)
(Gas, Natural--Transportation)

MUROMSKIY, Savva Nikolayevich; SHAROVATOV, Leonid Petrovich;

[Underground gas pipeline stop device] Zapornaia armatura podzemnykh gazoprovodov. Moskva, Stroizdat, 1965.
(MIRA 18:1)
70 p.

RYABTSEV, N.I., red.; BUKHIN, V.Ye., red.; VIGDORCHIK, D.Ya., red.;
IVANOV, N.P., red.; KNAPP, K.K., red.; KOZLOV, S.S., red.;
PROFERANSOV, V.P., red.; SLOBODKIN, M.S., red.; SHAROVATOV,
L.P., red.; BYKOVA, L.B., ved. red.; KORSUN, Ye.P., red.;
USHAKOVA, A.F., ved. red.; POLOSINA, A.S., tekhn. red.

[Gas equipment, apparatus, and fittings; reference book] Ga-
zovoe oborudovanie, pribory i armatura; spravochnoe rukovod-
stvo. Moskva, Gostoptekhizdat, 1963. 469 p. (MIRA 16:4)
(Gas, Natural—Pipelines) (Gas appliances)

STREKACHINSKIY, G.A.: SHAROVATOV, M.S.; GORBACHEV, A.T.

Coal mining with a cutter-loader and hydraulic conveying in
short walls. Trudy Inst. gor. dela Sib. otd. AN SSSR no.5:
17-23 '64. (MIRA 17:11)

SHAROVATOV, N.P.

22932 O roli leninskoy teorii poznaniya v izuchenii matematiki. Matematika v shkole, 1949, No. 4, C 1-8

SO: LETOPIS' NO. 31, 1949

L 06110-67 EWT(d)/EWT(m)/FWP(v)/FWP(t)/ETI/EWP(k)/EWP(h)/^{EWP(l)} IJP(c) AD
ACC NF AP6018715 SOURCE CODE: URV0193/66/000/004/0012/0013
(A)

AUTHOR: Rubtsov, V. A.; Sharovatov, S. I.

ORG: none

TITLE: The UGER-500-2 unit for gas-electric cutting of metals

SOURCE: Byulleten' tekhniko-ekonomiceskoy informatsii, no. 4, 1966, 12-13

TOPIC TAGS: metal cutting, gas cutting, electric arc, argon, hydrogen, CUTTING TOOL / UGER-500-2 CUTTING TOOL

ABSTRACT: The UGER-500-2 unit was designed for gas-electric cutting of non-finished products made of nonferrous metal, nonferrous alloy, and stainless steel not exceeding 150 mm in thickness. The unit consists of a welding source, a control cabinet, a profiling machine, an arc-shaped welding head, and auxiliary resistance. The welding head is manipulated with the aid of a remodeled SGU-1-60⁰ gas-cutting machine tool and the cutting is effected by a high-power electric arc compressed by gas in the welding head. The welding source consists of a three-phase power transformer, a choke, and a rectifier. The control cabinet contains a gas feeding unit, and oscillator, and a control box. The arc-shaped welding head is equipped with a tungsten electrode 6 mm in diameter and two removable nozzles made of either bronze or copper. The inner nozzle is fed argon and hydrogen and the outer nozzle is supplied with

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UDC: 621.791.947.035:669.14

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ACC NR: AP6018715

compressed air in lieu of argon for arc compression purposes. The UGER-500-2 unit is fed by an a-c current of 380 v. The specifications of this unit are: power - 195 kva, voltage at no-load conditions - 300 v, rated current - 500 a, argon consumption - 0.65 m³/hr, and hydrogen consumption - 2 m³/hr. Installed at the Tambov Chemical Machinery Plant (Tambovskiy zavod khimicheskogo mashinostroyeniya) the unit made it possible to do away with 5 drill presses serviced by 15 employees, to reduce the metal margin for machining purposes to half the former size, and to save about 23,000 rubles annually. The substitution of argon by nitrogen also effects considerable savings.

SUB CODE: 13/ SUBM DATE: none

Card 2/2 LC

1 24833-66 EWT(d)/EWP(v)/EWP(x)/EWP(h)/EWP(l) IJP(c) EC

ACC NR: AP6010774

SOURCE CODE: UR/0146/66/009/001/0064/0068

60
3

AUTHOR: Sharovatov, V. T.; Bushlya, A. S.

ORG: Leningrad Institute of Mechanics (Leningradskiy mekhanicheskiy institut)

TITLE: A digital servosystem for proportional control 14

SOURCE: IVUZ. Priborostroyeniye, v. 9, no. 1, 1966, 64-68

TOPIC TAGS: servosystem, automatic control, signal coding, logic circuit

ABSTRACT: The authors describe a digital servosystem with a 13-digit "shaft-code" converter. The device incorporates an ordinary modular system made up of a master unit (digital computer), analyzer ("shaft-code" on the actuating motor axis), comparator, decoder, amplifier and motor (EM-2M). The 13-digit "shaft-code" converter is a two-stage unit of the transformer type which uses Barker code. The code is taken off from the converter by a sequential digit search system in the form of a combination 16-output diode matrix with a control counter made up of four flip-flops. The search pulse taken off from the matrix is fed through an emitter-follower and an amplifier to the search winding of the converter core. Since the transformation ratio of the coil pair is 6:1, the signal on the readout winding is 1/6 of that on the search winding and therefore must be amplified. This signal must also be reshaped due to considerable distortion of the pulse in the readout winding by high capacitance between turns, in-

UDC: 62-526

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ACC NR: AP6010774

accuracy in setting the elements etc. Barker code is converted to binary code by the algorithm: $i_n = A i_{n-1} + B i_{n-1}$. This algorithm is carried out by a circuit which uses two AND gates controlled by the two halves of the second flip-flop in the shift register which converts the series code fed from the "shaft-code" pickup to parallel code. This gives possibilities for AND and NOT logic. The converted code is fed to the register from which it may be read out in parallel form when a signal is sent from the control unit. This control unit gives out the following command signals: 1. reset in the adder; 2. input of number A; 3. input of number B; 4. reset in the register of the "code-voltage" converter; 5. difference input in the "code-voltage" converter. The control unit contains a cadence pulse generator, a distributive device for generating the command signal, amplifiers and emitter-followers for decoupling the circuits. The comparator is a 13-digit parallel-action adder with sequential carry. This adder consists of a series of flip-flops, pulse amplifiers with differentiating inputs and delay lines. A schematic diagram of this adder is given and the addition process is described. Schematic diagrams are also given for the decoder and the motor reversal unit. The signal in the digital servosystem is actually quantized with respect to time and level. However, it may be assumed for all practical purposes that signal quantization takes place with respect to level only, since the period of quantization with respect to time is much less than the time constant of the motor, which is the greatest time constant in the system. Orig. art. has: 3 figures. [14]

SUB CODE: 09/3 / SUBM DATE: 26Oct64 / CRIG REF: 000 / OTH REF: 000

Card 2/2 da

KOROBENIKOV, V.P.; CHUSHKIN, P.I.; SHAROVATOVA, K.V.; ORLOVA, I.A., red.;
KORKINA, A.I., tekhn.red.

[Tables of gas dynamic functions of the initial stage of a point
explosion] Tablitsy gazodinamicheskikh funktsii nachal'noi stadii
tochechnogo vzryva. Moskva, 1963. 57 p. (Akademija nauk SSSR.
Vychislitel'nyi tsentr. Soobshcheniya po vychislitel'noi
matematike, no.2). (MIRA 16:12)

SHAROVKIN, Mikhail Filippovich; PETROVSKIY, O.M. [Petrovs'kyi, O.M.],
red.

[How we organized the fermentation and processing of feeds]
IAk my organizovaly drizhdzhuvannia i pererobku kormiv.
Kharkiv, Vyd-vo "Prapor," 1964. 22 p. (MIRA 18:1)

1. Predsedatel' kolkhoza "Mayak" Chuguiivskogo rayona,
Khar'kovskoy oblasti (for Sharovkin).

SMIRNOVA, N.A.; SHAROVSKAYA, N.M.

Effect of the change in the ribonucleic acid content
of a motor nerve cell on the excitability of the
peripheral neuromuscular apparatus. Vest. Mosk. un. Ser.
6: Biol., pochv. 17 no.5:17-23 S-0 '62. (MIRA 15:11)

1. Kafedra fiziologii zhivotnykh Moskovskogo universiteta.
(Nucleic acids)
(Nerves)

SHAROVSKAYA, N.V.

Some new species of foraminifers from middle Jurassic deposits
of Nordvik region. Sbor.st.po paleont.i biostrat. no.11:31-65
'58. (MIRA 13:1)
(Nordvik Peninsula--Foraminifera, Fossil)

SHAROVSKAYA, N.V.

New species of Dentalina, Marginulina, and Lenticulina from middle
Jurassic deposits of the Nordvik region. Sbor.st.po paleont.i
biostrat. no.18:42-65 '60. (MIRA 13:8)
(Nordvik region--Foraminifera, Fossil)

SHAROVSKAYA, V. N.

Nov 53

USSR/Medicine - Modification of
Microorganisms
"Breeding of a Microorganism That Has the Acquired
Characteristics of Tuberculosis Bacilli," B.
I. Mazur, V. N. Sharovskaya, Kazan' Sci-Res Inst of
Epidem and Microbiol; Kazan', State Med Inst
Epidem, No 11, pp 24-27

Zhur Mikro, Epid, i Immun, No 11, pp 24-27
Breding of protoactinomycetes (I) together with
tuberculosis bacilli (II) resulted in transfer of
the properties of II to I. The modified I first
(after 40 passages) acquired the capacity of con-
ferring immunity against infection with II to
guinea pigs and then (after 90 passages) sen-

sitized these animals to infection with II.

271536

ALATYRTSEVA, I.Ye., KOLPACHIKHIN, F.B.; AMFITEATROVA, N.F.; SHAROVSKAYA, V.N.; DVORKINA, A.I.; MEL'NIKOVA, V.K.; BERZON, I.G.

Intranasal revaccination against diphtheria. Report No. 1. Vop.ohk.
mat.1 det. 7 no.4:29-32 Ap '62. (MIRA 15:11)

1. Iz Kazanskogo nauchno-issledovatel'skogo instituta epidemiologii,
mikrobiologii i gigiyeny.
(DIPHTHERIA—PREVENTIVE INOCULATION)

MESSINOVA, O.V.; SHAROVSKAYA, V.N.; MUKHITDINOVA, R.G.; YUSUPOVA, D.V.; BENING,
G.P.

Deoxyribonuclease activity of Corynebacterium diphtheriae PW-8.
Zhur. mikrobiol., epid. i immun. 40 no.11:12-15 N '63.

(MIRA 17:12)

1. Iz Kazanskogo gosudarstvennogo universiteta i Kazanskogo instituta
epidemiologii i mikrobiologii.

L SHAROVSKIY, A.V.

PAGE 1 BOOK EXTRASUMMA 507/5072

Ukrainian Academy of Sciences Institute of Turbomachinery and Heat Engines Collection of Articles in the Construction and Operation of Turbine Units Ed. by M. Rabinovitz, Professor, and A. V. Sharovskiy, Corresponding Member, Academy of Sciences USSR. Ed. (Chairman) L. N. Shadrin, Professor, Ed. P. M. Asanov.	1,550 copies printed.
Purpose: The book is intended for engineers specializing in the design and operation of turbine equipment.	
Content: This collection of 22 articles deals with aspects of turbine construction, particularly turbines. In its last publication of Soviet turbines and applications of optimal parameters for gas turbines, various publications contain data on methods for more accurate determination of optimal parameters for operating cycles are presented. No publications are available for different types of turbines. Some information is given on the design of turbines, following several years of experience in the design of turbines.	153
Savchenko, P.M., and Yu.N. Martinis. Investigation of the Dynamic Properties of the Turbine	172
The authors examine the problem of vibration of turbine blades when such vibrations are induced by flow time variability. Dependence of the frequency of vibration on structural characteristics of blades as well as on the nature of flow characteristics is analyzed. Optimum designs for leading edges and shrouds are examined.	
Zaydulin, I.I. Comparative Analysis of the Dynamic Properties of喘振和各种喘振类型的涡轮机叶片	173
The authors examine the problem of vibration of turbine blades are analyzed with respect to vibration-damped efficiency. Curves are plotted indicating the dependence of damping properties on impact force.	
Zaydulin, I.I. Determination of the Longitudinal Requirements for Vibration Damping by Measuring the Frequency of Natural Vibrations	176
Methods of measuring the natural longitudinal cycle of free vibrations are discussed, and values for the longitudinal decrement are obtained.	
Bogatikov, I.P. Some Results of an Experimental Investigation of Michell-Type Thrust Bearings	182
The article deals with test stands and methods of testing Michell-journal-type thrust bearings. Several lubrication systems are described with reference to service reliability and minimum friction losses.	
Bryant, L.B., and S.J. Tolin. Improved Sealing of Condenser Tubes in Nuclear Power Plants	209
The article discusses several methods and coating materials for protecting condenser tubes from direct impingement of the steam. Several arrangements for "packing" tube ends into tubes above and for sealing water boxes are evaluated.	
El'zinger, I.V. Methods of Insulating Jet Condensers	219
Arrangements of multistage exterior condensers and jackets of steam are discussed and design and calculation methods given.	
Molodtsov, Yu.I., G.D. Olyubomsky, and G.I. Shumakov. Results of Thermal Treatment and Service of a 500-Mw Gas Turbine Plant	237
The operational testing of a GP-200-5 turbine is described.	
Molodtsov, Yu.I. Selection of the Starting Procedure for a Gas Turbine	255
Molodtsov, Yu.I. Experimental Stand for Testing Gas-Turbine Motors	261
Allotted thermal-turbine values and stress-strain patterns for overall rotor elements with respect to their elasticity range are discussed.	
Shchegolev, A.V. Optimal Parameters for Inlet Temperatures in Multistage Turbine Plants	265
The problem of cycle temperatures versus pressure ratios per individual stage is discussed. Several methods for selecting the optimal thermal-efficiency regime are evaluated.	
Polyanskiy, Yu.I. Determination of the Most Effective Parameters for the Regeneration Cycle of a Gas-Turbine Plant	275
The author presents his own method of computation, applicable to a stationary plant, to determine the elements of regenerator effectiveness. The method can also be used for regenerators with cross-flow arrangement.	

AVAILABLE: Library of Congress

SHAROVSKIY, M. V., i DERJADOVICH, S. V.

Railroads - Employees

Improvements of hygienic conditions in painting of interiors of locomotive tanks., Gig. i san., no. 12, 1951.

Monthly List of Russian Accessions, Library of Congress
March, 1952. UNCLASSIFIED.

MAKARCHENKO, A.F., prof., otv. red.; KULIKOVSKIY, A.G., kand. med. nauk,
red.; LITVAK, L.B., prof., red.; MIRTOVSKIY, N.V., prof., red. [deceased];
MINTS, A.Ya., kand. med. nauk, red.; SLONIMSKAYA, V.M., prof., red.; SA-
VENKO, S.N., prof., red.; FRUMKIN, Ya.P., prof., red.; SHAROVSKIY, S.N.,
prof., red. [deceased]; BYKOV, N.M., tekhn. red.

[Problems in clinical neurology and psychiatry] Problemy klinicheskoi
nevrologii i psikiatrii. Kiev, Gos.med.izd-vo USSR, 1961. 308 p.
(MIRA 14:12)

1. Ukrainskoye respublikanskoye obshchestvo nevropatologov i psikiatrov.
(NERVOUS SYSTEM—DISEASES) (MENTAL ILLNESS)

SHAROVSKIY, ✓.

SHAROVSKIY ✓

After an interruption of twenty years. Sov.foto 17 no.8:73-74
(MLRA 10:9)
Ag '57.
(Ukraine--Photography)

SHAROVSKIY, V.

Great creative progress. Sov.foto 21 no.6:7 Je '61.
(MIRA 14:6)

1. Predsedatel' byuro fotosektsii Moskovskogo gorodskogo
otdeleniya Soyusa zhurnalistov SSSR.
(Photography—Exhibitions)

SHAROVYM I.A.

Irrigation

Water is coming. Mol. kolkh. 19 No. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952, Unclassified.

AYZENBERG, Ye.Ye.; BEKKER-MIGDISOVA, Ye.E.; VISHNYAKOVA, V.N.;
DANILEVSKIY, A.S.; MARTYNOVA, O.M.; NOVOZHILOVYY, N.I.;
PONOMARENKO, A.G.; POPOV, Yu.A.; RODENDORF, B.B.; CHERNOVA,
O.A.; SHAROVYY, A.G.; ORLOV, Yu.A., glav. red.; MAROVSKIY,
B.P., zam. glav. red.; RUZHENTSEV, V.Ye., zam. glav. red.;
SOKOLOV, B.S., zam. glav. red.; OSIPOVA, L.S., red. izd-va;
MAKUNI, Ye.V., tekhn. red.

[Fundamentals of paleontology; reference book in 15 volumes
for paleontologists and geologists of the U.S.S.R.] Osnovy
paleontologii; spravochnik dlja paleontologov i geologov
SSSR v piatnadtsati tomakh. Glav. red. I.U.A.Orlov. Moskva,
Izd-vo Akad. nauk SSSR. Vol.9.[Arthropoda: Tracheata,
Chelicerata] Chlenistonogie: trakheinye i khelitserovye. Otv.
red. toma B.B.Rodendorf. 1962. 559 p. (MIRA 16:3)
(Arthropoda, Fossil)

SHAROVAN, A. (Tbilisi)

Department store with fifty sections. Sov.torg. 33
no.7:45-48 J1 '60. (MIRA 13:7)
(Department stores)

POTSKHISHVILI, T., arkhitektor (Tbilisi); SHAROVAN, A., inzh. (Tbilisi)

Department store for southern regions. Sov. torg. 36 no.11:
59-60 N '62. (MIRA 16:1)
(Georgia department stores)

POTSKHISHVILI, T., arkhitektor (Tbilisi); SHAROVAN, A., inzh. (Tbilisi)

Standard restaurants. Obshchest.pit. no.3:46-49 Mr '62.
(MIRA 15:4)
(Restaurants, lunchrooms, etc.—Design and construction)

MEGRELIDZE, D. (Tbilisi); SHAROVAN, A. (Tbilisi)

Mechanized potato warehouse. Sov.torg. 35 no.7:57-60 Jl '62.
(MIRA 15:11)
(Potatoes--Storage)

VARTANYAN, S.A.; SHAROVAN, E.G.

Scintillation properties of 2,5-diphenylfuran. Dokl. AN Arm. SSR
27 no.5:287-288 '58. (MIRA 12:5)

1. Fizicheskiy institut AN ArmSSR. Predstavлено N.M.Kocharyanom.
(Furan)

KOCHARYAN, N.M.; KIRAKOSYAN, Z.A.; SHAROVAN, E.G.; PIKALOV, A.P.

Polarization of π^+ -mesons of cosmic radiation under the earth. Dokl.
AN Arm. SSR 29 no.1:17-21 '59. (MIRA 12:11)

1. Fizicheskiy institut Akademii nauk Armyanskoy SSR. 2. Chlen-korrespondent AN Armyanskoy SSR (for Kocharyan).
(Mesons)

L 24184-65 EAT(m)/EPF(c)/EWP(j) Pe-4/Pr-4 RM

ACCESSION NR: AP4047635

S/0192/64/005/005/0697/0701

AUTHOR: Sharoyan, E. G.; Tikhomirova, N. N.; Blyumenfel'd, L. A.

TITLE: The nature of the paramagnetic centers in molecular magnesium phthalocyanide crystals

SOURCE: Zhurnal strukturnoy khimii, v. 5, no. 5, 1964, 697-701

TOPIC TAGS: magnesium phthalocyanide, EPR signal, paramagnetic center, amorphous magnesium phthalocyanide, crystalline magnesium phthalocyanide

ABSTRACT: The nature of the EPR signals in magnesium phthalocyanide (MgPc) was studied. On repeated sublimation in vacuo of the amorphous and of the crystalline modifications of MgPc, a weak EPR signal corresponding to one unpaired electron per 10^5 molecules was discovered. The signal was apparently caused by the distribution of the charges on the defects of the solid material. The EPR signal intensity increased sharply in the amorphous modification at room temperature in the presence of oxygen; a similar signal intensity increase was noted for the crystalline modification at elevated temperatures. Oxygen diffusion and

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ACCESSION NR: AP4047635

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and molecular complex formation was more difficult in the crystalline than in the amorphous MgPc. The rate of signal increase was limited by the rate of oxygen diffusion into the solid phase. The number of bonded oxygen molecules corresponded to the number of paramagnetic centers formed. It was believed the oxygen formed a molecular complex $\text{PcMg}^+ \text{O}_2$ with the MgPc and did not react chemically with it. "We take the opportunity to thank V. T. Aleksanyan, M. Ya. Gen and A. N. Ponomarev for supplying suitable samples and conducting series of measurements" Orig. art. has: 3 figures

ASSOCIATION: Institut khimicheskoy fiziki AN SSSR (Institute of Chemical Physics
AN SSSR)

SUBMITTED: 20 Mar 64

ENCL: 00

SUB CODE: EM, SS

NR REF SOV: 007

OTHER: 007

Card 2/2

SHAROVAN, E. G.; DUBROV, Yu. N.; TIKHOMIROVA, N. N.; BLYUMENFEL'D, L. A.

Study of the molecular complexes of magnesium phthalocyanine and
other phthalocyanines with iodine by the electron paramagnetic
resonance method. Teoret. i eksper. khim. 1 no. 4: 519-524
'65. (MIRA 18:10)

1. Institut khimicheskoy fiziki AN SSSR, Moskva.

MOLOTOK, A.V.; DMITRIYEV, A.I.; GORBATENKO, A.I.; SHAROYAN-SARINGULYAN,
G.P.; MALAKHOV, P.Ye.; KRIVOUKHOV, V.A., doktor tekhn.nauk; red.;
GRANOVSKIY, G.I., prof., doktor tekhn.nauk, red.; TRET'YAKOV,
I.P., prof., doktor tekhn.nauk, red.; ALMKSEYEV, S.A., dotsent,
red.; MALOV, A.N., dotsent, kand.tekhn.nauk, red.; SHAKHNAZAROV,
M.M., dotsent, red.; VOL'SKIY, V.S., red.; GAL'TSOV, A.D., red.;
KABANOV, N.Ya., red.; TOLCHENOV, T.V., red.; KHARITONOV, A.B..
red.; KHISIN, R.I., red.; SHOR, M.I., red.; SEMENOVA, M.M., red.
izd-va; M.KIND, V.D., tekhn.red.

[Time norms in general machinery manufacturing for applying
coats of lacquer; large, medium, and small scale production]
Obshchemashinostroitel'nye normativy vremeni na lakokrasochnye
pokrytiia; krupnoserийное, серийное и мелкосерийное прои-
водство. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.
lit-ry, 1959. 83 p. (MIRA 12:6)

1. Moscow. Nauchno-issledovatel'skiy institut truda. TSentral'-
noye byuro promyshlennykh normativov po trudu. 2. Rabotniki otdela
trudovykh normativov Nauchno-issledovatel'skogo instituta trakte-
sel'khozmasha (for Molotok, Dmitriyev, Gorbatenko, Sharoyan-Sarin-
gulyan, Malakhov).
(Painting, Industrial) (Machinery industry)

SHABOYKA, M.D.

SHABOYKA, M.D.

Will of mothers from every part of the world. Bab. i sial.31 no.8:
(MLRA 8:11)

2-3 Ag'55.

(Women and peace)

SHAROYKO, A.V., inzh.

Improvement of the heating system of ChME2 diesel locomotives. Elek.1
tepl.tiaga 5 no.4:21 Ap '61. (MIRA 14:6)
(Diesel locomotives--Heating and ventilation)

VEDERNIKOVA, Ye.I.; LYUSHINSKAYA, I.I.; POLYAK, M.V.; SHAROYKO, K.M.

Biochemical, colloidal, and technological properties of waxy corn.
Biokhim.zerna no.5:184-205 '60. (MIRA 14:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut pishchevoy
promyshlennosti. (Corn (Maize))

SHAROYKO, P. M.

Aug 51

USSR/Metals - Foundry, Methods

"Application of Thermally Insulated Risers with Self-Regulating Gas Pressure," V. A.
Abramov, N. N. Kononov, Engineers, P. M. Sharoyko, Leningrad Accessories Plant imeni
Lepse

"Litay Proiz" No 8, pp 27, 28

Method for creating pressure in feeding risers consists of using special pellets,
made of core mixt, in depression of which a gas-forming charge is placed. For
retardation of metal solidification, the Plant imeni Lepse uses risers surrounded by
bushings made of materials with decreased thermal cond. Measures have purpose of
metal conservation by decreasing size of risers. Satisfactory results were
obtained from expts with castings made of steel, cast iron and nonferrous alloys.

PA 197181

SHAROYKO, P. M.

SULIMTSEV, I. I.; GIMEL'FARB, S. P.; SHAROYKO, P. M., inzhener, retsenzent;
BLIZNYANSKIY, A. S., inzhener, redaktor; POPOVA, S. M., tekhnicheskiy
redaktor.

[Locomotive design] Proektirovaniye parovozov: spravochnoe posobie.
Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1954. 406 p.
(Locomotives--Design) (MLRA 8:1)

SHAROYKO P.M.

LISOVENKO, S.I.; ZOLOTUKHIN, I.M.; KOSTYUK, A.P.; LISOVENKO, E.V.; FEL'DMAN, M.F.; KUZNETSOV, T.F.; PIVOVAROV, L.A., inzhener, retsenzent; SHAROYKO, P.M., inzhener, retsenzent; TURIK, N.A., inzhener, retsenzent; KIMMEROV, Yu.G., inzhener, retsenzent; SHVEDOV, N.A., inzhener, retsenzent; RUDENSKIY, Ya., tekhnredaktor.

[Locomotives] Parovozы. Pt. 2. [Theory, design, and calculations for machinery, underframe, and auxiliary parts. Dynamics, traction calculations, and brief information on operation] Teoriia, konstruktsiia i raschet mashiny, eksploataciya i vspomogatel'nykh ustroist, dinamika, tiagovye razchety i kratkie svedenija po ekspluatatsii. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. i sudostroit. lit-ry. 1954. 475 p.
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(Locomotives)

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GIRICHNEVA, M.A., red.; BOL'SHAKOV, V.A., tekhn.red.

[Industrial pipe fittings; catalog-reference book] Promyshlennaya
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suction and turning valves, slide valves and seals] Klapany obrabot-
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(Pipe fittings—Catalogs)

SHAROVKO, P. M., prof.

Overriding clutch of the guide system of the hydraulic torque converter and its design for strength and stiffness. Trudy KHIIT no.51:77-87 '61. (MIRA 15:10)

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Technical and economic evaluation of various transmission types.
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KACHKACHEV, A.Z., otv. red.

[Industrial pipe fittings; catalog] Promyshlennaya tru-
boprovodnaya armatura; katalog-spravochnik. Moskva,
GOSINTI, Pt.3. [Safety, reduction, regulating and mixing
valves, injectors, condenser returns, and electric drives
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nye, reguliatory davleniya, inzhektory, kondensatootvod-
chiki i elektroprivody dlja upravlenija armaturoi. 1963.
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238 p.

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AUTHOR: Sharoyko, S. A.

ORG: none

TITLE: Use of SGD-8 glasses for gamma radiation dosimetry of the IGR pulsed reactor

SOURCE: Atomnaya energiya, v. 21, no. 3, 1966, 218-219

TOPIC TAGS: glass property, gamma radiation, radiation dosimetry, reactor shielding/
SGD-8 glass, IGR reactor

ABSTRACT: The SGD-8 glass was described earlier by G. V. Byurgenovskaya et al. (Atomnaya energiya v. 21, 38, 1966). The plates used for the dosimetry measured 15 x 15 mm in cross section and 5 mm in thickness. A batch of glasses from a single melt was calibrated at the Institute of Atomic Energy im. I. V. Kurchatov with a γ installation of 2000 Curie activity. The optical density of the glass was measured one day after the irradiation. The dose intensity at the location of the glass was determined with a ferrosulfate dosimeter. Inasmuch as the glass was calibrated with a Co⁶⁰ source, whereas the glass was used to measure γ radiation with a broad energy spectrum, the hardness variation was eliminated by means of lead compensating filters. Differences between the calibration and the dosimetry modes had to be taken into account, since the reactor operated in the pulsed mode. Allowance had to be made also

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